



THE BRAND PROFESSIONALS USE



— AMPLIFIERS
——— SPEAKERS
——— SUBWOOFERS
——— OEM INTEGRATION
——— SIGNAL PROCESSORS

Product Catalog

2014

Since Arc Audio's conception in 1998, ARC Audio has created one of the worlds largest network's of dedicated professionals, each showing their commitment in sharing my vision of creating one of the largest family oriented networks in the mobile electronics industry.

At ARC Audio our #1 focus is customer service. We strive to create relationships with our dealers and customers, delivering superior customer satisfaction by producing the highest quality products on the market.

Our products deliver maximum performance and quality. Giving our customers more added value for their money. We back our commitment to our customers with one of the highest rated warranty policies in the industry, giving them the security and assurance that should come with any personal investment

Each of our lines feature tried and proven amplifier designs from industry legend Robert Zeff. From the XDi Series series,designed for maximum performance without a Hi-End price, to the KAR (Karabinis) series with an affordable & elegant chassis design and circuit design que's from the SE Series and Robert Zeff, to our flagship line the Signature Edition by Robert Zeff. Arc Audio has something for every kind of music lover.

Demitrios Karabinis
C.E.O. / Founder Arc Audio Inc.





Members of Team ARC Audio and other competitors with vehicles running ARC Audio products at the 2013 Car Audio Championships



For the past 5 years Team ARC Audio has consisted of a group of people who share the passion and love for car audio. With their combined effort they have continued their legacy of winning more top honors and awards in the lanes than any other competition team.

The teams success can be attributed to the dedication, perseverance, camaraderie and teamwork put forth by its members in combination with the superior designs that ARC Audio has to offer. Along with other competitors worldwide who run ARC Audio products in the competition lanes, ARC Audio continues to showcase its commitment to its customers and its roots by keeping focus on the most important factor of any audio system, The Music.

From everybody here at ARC Audio we want to thank Team ARC Audio family and all of the competitors worldwide for their efforts and the passions that have driven them to better sound and to the sport that we all have grown to love.

-Team ARC Audio Members-

Bobby Hilgardtner, Brett Nelker, Brian Mitchell, Chad Bui, Chad Suydam, Chris LaCombe, Fred Lynch, Jeff Kidwell, Jeremy Boyd, Jeremy Daniels, John Fisher, John Marsh, Jorge Delgado, Lee Chavers, Peter Lutz, Robert Hilton, Ryan Bartlett, Scott Paterson, Steve Head, Troy Cloward, Walt Bollinger

The ARC Audio Signature Edition by Robert Zeff is a no compromise, high power, audiophile amplifier designed and engineered by Robert Zeff and the staff at Nikola Engineering. This design is taken from Roberts many years of experience in both pro and car audio industries building high fidelity amplifiers resulting in a design that gives listeners a true hi end audiophile experience.



“Easily one of the best sounding amplifiers (of any number of channels at any price) I have ever had the honor to audition”

*Dave Mckinnon, Technical Editor
Performance Auto and Sound Magazine*

Features-

- Audiophile sound quality based design
- Microprocessor controlled design
- Class A/B switching design
- Designed by Robert Zeff
- Microprocessor diagnostics
- HP/BP/LP/FP Crossovers on all channels
- 12/24Db per octave selectable crossovers
- Internal chassis force cooled speed controlled fan
- Hi/Low level balanced switchblade RCA inputs
- RJ45 Ethernet true balanced input connections
- Block type terminal connections
- 256 color user selectable illumination circuit
- Hand picked output devices used on all SE amplifiers
- Available in 2-Channel and 4-Channel designs

As the amplifier of choice by the ARC Audio championship sound quality competition team the Signature Edition amplifiers offer users a completely transparent and uncolored sound reproducing your source material the way it was originally recorded.

TWO CHANNEL AMPLIFIERS

SE2150

2 Channels @ 4 ohms- 150 Watts 36A
 2 Channels @ 2 ohms- 300 Watts 73A
 1 Channel @ 4 ohms- 600 Watts 69A
 Frequency Response- 7Hz - 50kHz
 Bass Boost- Yes
 Remote Included- Yes
 Dimensions- 15.5" (L) x 8.0" (W)
 x 2.5" (H)

SE2300

330 Watts 72A
 650 Watts 147A
 1300 Watts 147A
 4Hz - 100kHz
 Yes
 Yes
 19.5" (L) x 8.0" (W)
 x 2.5" (H)

"This is the
 finest amplifier
 I have ever
 designed."




FOUR CHANNEL AMPLIFIERS

SE4100

4 Channels @ 4 ohms- 65 Watts 24A
 4 Channels @ 2 ohms- 110 Watts 42A
 2 Channels @ 4 ohms- 220 Watts 57A
 Frequency Response- 4Hz - 100kHz
 Bass Boost- Yes
 Remote Included- Yes
 Dimensions- 15.5" (L) x 8.0" (W)
 x 2.5" (H)

SE4200

110 Watts 50A
 200 Watts 100A
 400 Watts 101A
 4Hz - 100kHz
 Yes
 Yes
 19.5" (L) x 8.0" (W)
 x 2.5" (H)

Designed by Robert Zeff the ARC Audio KAR Series amplifiers are a totally "out of the box" rethink of what an amplifier can be. Using ARC Audios renowned microprocessor based Class G/H technology KAR series amplifiers have set industry standards in power output, low distortion, high efficiency, low heat, and compact size.



- Code based flashing diagnostics
- Non digital class G/H switching design
- Advanced microprocessor control system
- Microprocessor based protection circuitry
- Optically isolated Mosfet power supply
- Can drive highly reactive loads
- Built in Crossovers. HP, LP, AP
- 12Db Crossover Slopes
- Quiet Internal Fan cooling
- Designed By Robert Zeff

Class G/H technology gives you the highest level of reliability and overall performance, increased efficiency and less power demand without the sonic compromises you typically find in Class D amplifiers. Class G/H works with the dynamics of music not against them, giving you the highest level of sound quality, performance and dynamics in a realistically sized package not occupying large amounts of valuable space in your vehicle.

TWO CHANNEL AMPLIFIERS

K5300.2

2 Channels @ 4 ohms- 180 Watts
2 Channels @ 2 ohms- 350 Watts
1 Channel @ 4 ohms- 700 Watts
Frequency Response- 5Hz - 50kHz
Bass Boost- Yes
Remote Included- No
Dimensions- 11.25" (L) x 8.0" (W)
x 2.375" (H)

K5600.2

400 Watts
600 Watts
1200 Watts
5Hz - 50kHz
Yes
Yes
15.5" (L) x 8.0" (W)
x 2.375" (H)

FOUR CHANNEL AMPLIFIERS

K5300.4

4 Channels @ 4 ohms- 90 Watts
4 Channels @ 2 ohms- 175 Watts
2 Channel @ 4 ohms- 350 Watts
Frequency Response- 5Hz - 50kHz
Bass Boost- Yes
Remote Included- No
Dimensions- 11.25" (L) x 8.0" (W)
x 2.5" (H)

MONO BLOCK AMPLIFIERS

K51200.1

1 Channels @ 4 ohms- 650 Watts
1 Channels @ 2 ohms- 1200 Watts
1 Channel @ 1 ohms- 1000 Watts
Frequency Response- 4Hz - 250kHz
Bass Boost- Yes
Remote Included- Yes
Dimensions- 15.5" (L) x 8.0" (W)
x 2.375" (H)

K52500.1

750 Watts
1400 Watts
2500 Watts
30Hz - 250kHz
Yes
Yes
21.5" (L) x 8.0" (W)
x 2.375" (H)

MULTI CHANNEL AMPLIFIERS

K5900.6

4 Channels @ 4 ohms- 60 Watts
4 Channels @ 2 ohms- 100 Watts
2 Channels @ 4 ohms- 120 Watts
2 Channels @ 4 ohms- 120 Watts (Ch 5&6)
1 Channel @ 4 ohms- 550 Watts (Ch 5&6)
Frequency Response- 5Hz - 40kHz
Bass Boost- Yes
Remote Included- Yes
Dimensions- 19.25" (L) x 8.0" (W)
x 2.375" (H)

Take a wonderful piece of electronics like the KAR series amplifier and then make it smaller without compromising its abilities, that was the only goal and target given to our engineers with this project. Featuring the same highly efficient Class G/H amplifier design as the full size version the Kar Series mini amplifiers are a testament to exceptional engineering and creative out of the box thinking giving you the smallest, highest power non-digital amplifiers on the market.



With today's vehicles are becoming smaller and smaller and available cargo space is at a premium. Using ARC Audio's microprocessor based Class G/H switching technology Kar Series Mini amplifiers give you the power, quality and sound that you expect while offering you the highest power efficiency ratings of a compact non Class D amplifier. Putting less strain on your vehicles charging system.



Available in 2 Channel, 4 Channel and Mono block subwoofer amplifier designs, the KAR Series Mini amplifier line gives you the flexibility and technology to personalize your audio system in most any car, truck or motorcycle.

TWO CHANNEL AMPLIFIERS

KS 125.2 BX2

2 Channels @ 4 ohms-	70 Watts
2 Channels @ 2 ohms-	125 Watts
1 Channel @ 4 ohms-	250 Watts
Frequency Response-	20Hz - 20kHz
Bass Boost-	Yes (BX2)
Remote Included-	No
Dimensions-	8.25" (L) x 4.8" (W) x 1.75" (H)

FOUR CHANNEL AMPLIFIERS

KS 125.4

4 Channels @ 4 ohms-	75 Watts
4 Channels @ 2 ohms-	125 Watts
2 Channel @ 4 ohms-	250 Watts
Frequency Response-	20Hz - 20kHz
Bass Boost-	Yes
Remote Included-	No
Dimensions-	11.625" (L) x 5.125" (W) x 1.7" (H)

MONO BLOCK AMPLIFIERS

KS 500.1

1 Channels @ 4 ohms-	300 Watts
1 Channels @ 2 ohms-	500 Watts
1 Channel @ 1 ohms-	(Not Recommended)
Frequency Response-	30Hz - 250Hz
Bass Boost-	Yes
Remote Included-	Yes
Dimensions-	11.625" (L) x 5.125" (W) x 1.75" (H)



What happens when you turn a bunch of audiophile engineers loose on a Class D amplifier? You get the ARC Audio XDi amplifier series. Finally a Class D amplifier design done the right way with all the filtering, headroom, features and extra current capacity in place to set the new industry standard for full range Class D amplifiers. Sonically this is one of the finest amplifiers you will ever experience at this price point. Old school "Grunt" but with next century technology and miniaturization, this isn't your every day Class D amplifier. This is the amp you want.

Features-

- Remote Bass Level control capability*
- Quick Disconnect speaker terminal plugs.*
- Audiophile Class D output filter networks.*
- Detailed micro processor controlled protection*
- Large, High Frequency switching power supplies*
- RCA Inputs are compatible with speaker level inputs.*
- Fault Codes Storage of the last protection code detected*
- Signal to Noise Ratio without compromising power output.*
- Fully Balanced Input Stage significantly increases flexibility*
- Ultra Low ESR, High capacity power supply storage capacitors*
- Flexible mounting orientation for vertical or horizontal installations.*
- Next generation high speed Class D technology powering all XDi amplifiers .*
- Bridged Mode Auto Detect Turn-on works with most chip based OEM Headunits.*
- Precision filtering isolates the power supply reducing unwanted interference in radio reception.*



FOUR CHANNEL AMPLIFIERS

	<i>XDi 450.4</i>	<i>XDi 600.4</i>
4 Channels @ 4 ohms-	85 Watts	150 Watts
4 Channels @ 2 ohms-	125 Watts	150 Watts
2 Channel @ 4 ohms-	250 Watts	300 Watts
Frequency Response-	20Hz - 20kHz	20Hz - 20kHz
Bass Boost-	12dB @45Hz(Rear only)	12dB@45Hz(Front Only)
Remote Included-	No	Yes
XDi Trim Kit-	Not Included	Included
Dimensions-	8.173"(L) x 6.268"(W) x 2.086" (H)	9.020" (L) x 6.268" (W) x 2.162 (H)

FIVE CHANNEL AMPLIFIERS

	<i>XDi850.5</i>	<i>XDi1100.5</i>
4 Channels @ 4 ohms-	85 Watts	150 Watts
4 Channels @ 2 ohms-	125 Watts	150 Watts
2 Channel @ 4 ohms-	250 Watts	300 Watts
1 Channel @ 4 ohms-	225 Watts(Sub Channel)	275 Watts(Sub Channel)
1 Channel @ 2 ohms-	400 Watts(Sub Channel)	500 Watts(Sub Channel)
Frequency Response-	20Hz - 20kHz	20Hz - 20kHz
Frequency Response(sub)-	20Hz - 230Hz	20Hz - 230Hz
Bass Boost(Sub Ch)-	12dB@45Hz	12dB@45Hz
Remote Included-	Yes	Yes
XDi Trim Kit	Not Included	Included
Dimensions-	12.42"(L) x 6.268"(W) x 2.086" (H)	12.42"(L) x 6.268"(W) x 2.162" (H)

MONO BLOCK AMPLIFIERS

	<i>XDi650.1</i>	<i>XDi1100.1</i>
1 Channels @ 4 ohms-	185 Watts	350 Watts
1 Channels @ 2 ohms-	350 Watts	600 Watts
1 Channel @ 1 ohms-	650 Watts	1100 Watts
Frequency Response-	20Hz - 20kHz	20Hz - 20kHz
Bass Boost-	12dB@30-125Hz	12dB@30-125Hz
Remote Included-	Yes	Yes
XDi Trim Kit-	Not Included	Included
Dimensions-	9.02"(L) x 6.268"(W) x 2.086" (H)	13.0" (L) x 6.268" (W) x 2.162 (H)

SIX CHANNEL AMPLIFIERS

	<i>XDi1200.6</i>
4 Channels @ 4 ohms-	150 Watts
4 Channels @ 2 ohms-	150 Watts
2 Channels @ 4 ohms-	300 Watts
2 Channels @ 4 ohms-	150 Watts (Ch 5&6)
2 Channel @ 2 ohms-	300 Watts (Ch 5&6)
1 Channel @ 4 ohms-	600 Watts (Ch 5&6)
Frequency Response-	20Hz - 20kHz
Bass Boost-	12dB @ 45Hz (Ch 5&6)
Remote Included-	Yes
XDi Trim Kit-	Included
Dimensions-	13.0"(L) x 6.268"(W) x 2.162" (H)

ARC Audio has joined forces with some of the worlds leading pro audio speaker engineers to develop the ARC Audio Black Series reference speaker line. Available in full component sets or raw matched pairs the Black Series speaker line is designed with focus placed on transparency, performance and natural reproduction of music the way it was intended to be heard. Black Series offers only the purest, smoothest and most dynamic un-timbered sound available in the car audio industry ultimately creating the finest audiophile speaker to ever hit the car audio market.



Features-

*Sold in matched pairs
Vented rear spider and voice coil assembly
Laminated Pulp/Bamboo fiber reinforced cone
Precision machined glass fiber voice coil former
Low Shore TLS injected rubber composite surround
Audiophile design specifically for the car audio environment
CNC precision cut extended copper capped motor assembly
260 degree Celsius Hi-Temp tempering process on all voice coils
Symmetrical compliance custom progressive woven Nomex spider*



Black Series HPX, LPX and MBX offer the most flexibility and user definability of most any passive crossover on the market. With literally hundreds crossover frequency, slopes and attenuation variations the Black Series passive crossovers are an affordable solution to any high end front stage without the need of expensive digital sound processors. (Available in component sets or alacart.)

RAW DRIVERS (SOLD IN PAIRS)

BLACK 1.0 BLACK 4.0 BLACK 5.0 BLACK 6.0

Speaker Type-	Tweeter	Midrange	Midrange	Midrange
Size-	29mm	4.0"	5.25"	6.0"
Max Power-	120 Watts	120 Watts	150 Watts	200 Watts
Min Power-	60 Watts	60 Watts	75 Watts	85 Watts
Sensitivity-	92 dB	87.5dB	91dB	92dB
Freq Response-	800Hz - 22kHz	105Hz - 8kHz	75Hz-4kHz	45Hz-3.5kHz
Impedance-	4 ohms	4 ohms	4 ohms	4 ohms

COMPONENT SYSTEMS (SOLD IN SET PAIRS)

BLACK 4.2 BLACK 5.2 BLACK 6.2 BLACK 6.3

System Type-	2-Way	2-Way	2-Way	3-Way
MR Size-	4.0"	5.25"	6.5"	6.5" & 4.0"
TW Size-	29mm	29mm	29mm	29mm
Max Power-	120 Watts	150 Watts	150 Watts	200 Watts
Min Power-	60 Watts	75 Watts	75 Watts	85 Watts
Sensitivity-	88 dB	91dB	91dB	92dB
Includes X-Overs-	HPX & LPX	HPX & LPX	HPX & LPX	HPX, LPX & MBX
Freq Response-	105Hz - 22kHz	75Hz - 22kHz	45Hz-22kHz	45Hz-22kHz
Impedance-	4 ohms	4 ohms	4 ohms	4 ohms
Includes MR Grills-	Yes	Yes	Yes	Yes

GRILLS (SOLD IN PAIRS)

Included in all Black Series component sets or alacart. Available in 4", 5.25" & 6.5" sizes



The ARC Audio "ARC" Series is the optimum balance of acoustical harmony and ultra high performance all wrapped up in a single design. Designed by ARC Audios acoustical engineering division, ARC Series speakers use only today's most advanced and durable acoustical materials and components allowing users a cost friendly solution that will give any enthusiast a unparalleled musical experience in their vehicle.



Features-

*Low shore poly butyl surround
Progressive rate SPL linear spider
Roahcell/Glass Fiber speaker cone
28mm neo silk dome tweeter design
Designed and engineered in the USA
Ultra Hi-Temp precision wound copper voice coil
Composite silk dome wool dampened core design
Open CNC vented rear spider and voice coil assembly
Heavy duty pressure cast aluminum precision cut basket*

Emphasizing sonic characteristics traditionally found in the finest home and pro audio component systems, ARC Series coaxial and component speaker systems create new levels of musical enjoyment. Placing emphasis on enhanced midbass ,low frequency response and dynamically engineered midrange for rich, natural pronounced vocals and instrumentation while effectively enhancing upper frequencies ARC Series speakers give you the most value possible in stepping up your systems acoustical and performance capabilities.

COAXIAL SPEAKERS (SOLD IN PAIRS)

	<i>ARC 1.0</i>	<i>ARC 502</i>	<i>ARC 602</i>	<i>ARC 692</i>
Speaker Type-	Tweeter	Coaxial	Coaxial	Coaxial
Size-	28mm	5.25"	6.5"	6" x 9"
Max Power-	70 Watts	90 Watts	150 Watts	160 Watts
Min Power-	35 Watts	45 Watts	75 Watts	80 Watts
Sensitivity-	88 dB	87dB	88dB	86dB
Freq Response-	2.4Hz - 20kHz	70Hz - 20kHz	50Hz-20kHz	50Hz-20kHz
Impedance-	4 ohms	4 ohms	4 ohms	4 ohms
Includes Grills-	Yes	Yes	Yes	Yes



COMPONENT SPEAKERS (SOLD IN SET PAIRS)

	<i>ARC 5.2</i>	<i>ARC 6.2</i>
System Type-	2-Way	2-Way
MR Size-	5.25"	6.5"
TW Size-	28mm	28mm
Max Power-	180 Watts	250 Watts
Min Power-	90 Watts	125 Watts
Sensitivity-	87 dB	88dB
X-Overs-	Yes (Bi-Ampable)	Yes (Bi-Ampable)
Freq Response-	70Hz - 20kHz	50Hz - 20kHz
Impedance-	4 ohms	4 ohms
Includes Grills-	Yes	Yes



XDi offers users enhanced acoustical considerations including dynamically designed motor structures with enhanced midbass and low frequency response, dynamic midrange and enhanced upper frequencies allowing users to have speakers capable of producing that open, live and realistic sound that you get in concerts and live performances.



Features-

- Vented basket design*
- PTC Tweeter power protection*
- Adjustable tweeter attenuation*
- 2-Way Component speaker system*
- Hi-Temp Copper/Kapton Voice Coil*
- Designed and engineered in the USA*
- Heavy duty stamped aluminum basket*
- Reinforced injected poly cone material*
- Hi-End Audiophile crossover components*
- Ultra low distortion linear suspension design*

The ARC Audio XDi speaker lineup is the best value and performance of a speaker line in its class. This design allows users to make a progressive step up from any factory OEM system along with enthusiasts looking for a reliable performance oriented speaker that offers the best of both worlds.

COAXIAL SPEAKERS (SOLD IN PAIRS)

	<i>XDi1.0</i>	<i>XDi402</i>	<i>XDi502</i>	<i>XDi602</i>	<i>XDi462</i>	<i>XDi572</i>	<i>XDi693</i>
Speaker Type-	Tweeter	Coaxial	Coaxial	Coaxial	Coaxial	Coaxial	Tri-Axial
Size-	28mm	4.0"	5.25"	6.5"	4" x 6"	5" x 7"	6" x 9"
Max Power-	60 Watts	60 Watts	80 Watts	120 Watts	60 Watts	80 Watts	150 Watts
Min Power-	30 Watts	30 Watts	40 Watts	60 Watts	30 Watts	40 Watts	75 Watts
Sensitivity-	88 dB	86dB	86dB	86dB	86dB	86dB	86dB
Freq Response-	2.6Hz - 20kHz	110Hz - 20kHz	75Hz-20kHz	55Hz-20kHz	90Hz-20kHz	65Hz-20kHz	50Hz-20kHz
Impedance-	4 ohms	4 ohms	4 ohms	4 ohms	4ohms	4 ohms	4 ohms
Includes Grills-	Built in	Yes	Yes	Yes	No	No	Yes

COMPONENT SPEAKERS (SOLD IN SET PAIRS)

	<i>ARC 5.2</i>	<i>ARC 6.2</i>
System Type-	2-Way	2-Way
MR Size-	5.25"	6.5"
TW Size-	28mm	28mm
Max Power-	160 Watts	240 Watts
Min Power-	80 Watts	120 Watts
Sensitivity-	87 dB	87dB
X-Overs-	Yes	Yes
Freq Response-	75Hz - 20kHz	55Hz - 20kHz
Impedance-	4 ohms	4 ohms
Includes Grills-	Yes	Yes



XDi Coaxials

The true balance of dynamic grace and pure chaos that you get in the Black Series subwoofer line is ARC Audio's answer to the design needs of any level of car audio enthusiast or audiophile. Designed and engineered by one of the worlds leading pro audio speaker design engineers in conjunction with ARC Audio's acoustical engineering division the Black Series subwoofer line uses only the latest high performance materials and composites with an uncompromised approach to sonic perfection.



Features-

*Linear Audiophile SQ/SPL design
Advanced Hi-Fi Subwoofer Design
Precision wound 3" Hi-Temp voice coil
Progressive rate Nomex PTE woven spider
Hi pressure cast CNC cut aluminum basket
Low shore progressive SLA rubber surround
4 stage Hi-Temp voice coil tempering process
Machined fiberglass composite voice coil former
Hi-Capacity heavy duty spring loaded speaker terminals*

Following suit to the Black Series Speaker line, Black Series Subwoofers are engineered and designed with focus placed on transparency, performance and the natural reproduction of music the way it was intended to be heard but with the reinforced ability to provide users with heart stopping dynamic bass and emotion.



BLACK SERIES SUBWOOFERS

BLACK 10V2

Subwoofer Size-	10"
Max Power Handling (Music)-	800 Watts
RMS Power Handling-	400 Watts
Xmax-	16mm
Sensitivity-	84.9dB
Mounting Depth-	5 11/16"
Cutout Diameter-	9 3/16"
Sealed Enclosure (Min)-	.65 cuft.
Sealed Enclosure (Opt)-	.85 cuft.
Sealed Enclosure (Max)-	1.1 cuft.
Voice Coil Config Available-	Dual 2 or 4 ohm

BLACK 12V2

12"
1000 Watts
500 Watts
16mm
86.1dB
6 1/8"
11 13/16"
1.0 cuft.
1.2 cuft.
1.35 cuft
Dual 2 or 4 ohm





Designed and Engineered by one of the leading car audio speaker and subwoofer acoustical engineers in the United States, the ARC Series is the moving step into the world of Hi-End and all around performance in a single package. Offering a optimized balance of performance and sound quality the ARC Series subwoofer line allows users to have the best of both worlds when it comes to sound quality and ground pounding bass.

Features-

- Stamped Steel Basket*
- Designed, Engineered in the USA*
- Hi-Temp black anodized voice coil*
- One piece molded rubber surround*
- Available in Dual 2 or 4 ohm configurations*
- Linear acoustical design for maxamized dynamics*
- Progressive Flat layered spider with integrated tinsel leads*
- Designed for small to moderate sized sealed & ported enclosures*

Designed for small to moderate sized enclosures with extremely dynamic power handling, ARC series sub woofers create that enveloped energy and support that we desire is a sound system. For the die hard sound quality individuals the ARC series subwoofer line is also versatile enough to be incorporated into well built and designed infinite baffle applications.



ARC SERIES SUBWOOFERS

	<i>ARC 8</i>	<i>ARC 10</i>	<i>ARC 12</i>	<i>ARC15</i>
Subwoofer Size-	8"	10"	12"	15"
Max Power Handling (Music)-	300 Watts	500 Watts	700 Watts	1500Watts
RMS Power Handling-	150 Watts	250 Watts	350 Watts	750 Watts
Xmax-	15mm	15mm	16mm	18mm
Sensitivity-	85.6dB	87dB	89dB	89dB
Mounting Depth-	4.5"	5.5"	6.0"	8.0"
Cutout Diameter-	7.125"	9.125"	11.125"	14.0"
Sealed Enclosure (Min)-	.35 cuft.	.65 cuft.	.9 cuft.	1.5 cuft.
Sealed Enclosure (Opt)-	.45 cuft.	.75 cuft.	1.15 cuft	2.25 cuft.
Sealed Enclosure (Max)-	.55 cuft.	.85 cuft	1.25 cuft	2.75 cuft.
Voice Coil Config Available-	Dual 2/4 ohm	Dual 2/4 ohm	Dual 2/4 ohm	Dual 2/4 ohm



Designed and engineered in the USA for the enthusiast and bass lovers alike, ARC Audio XDi series subwoofers deliver the best of both worlds without breaking the bank. Featuring a next generation tempered voice coil design and a balanced roll surround the XDi series takes a technical yet innovative direction to a loud and dynamic subwoofer design.



Features-

- Stamped Steep Basket*
- Linear Nomex spider design*
- One piece molded rubber surround*
- Designed and Engineered in the USA*
- Available in Dual 2 or 4 ohm configurations*
- Next generation Hi Temp tempered voice coil*
- Flat layered spider with integrated tinsel leads*
- Designed for moderate sized sealed & ported enclosures*

With reliability and performance as its top priority XDi Subs were designed with a light weight pulp fiber treated cone, progressive Nomex spider and reinforced logo embossed dust cap. These features help eliminate cone breakup and distortion while listening at high volumes without affecting the output or overall efficiency of the design. In addition XDi subwoofers uses dedicated CNC single cut Y30 motor structures, reinforced stamped steel baskets and tuned motor venting much like you would find in higher dollar subwoofers designs.



XDi SERIES SUBWOOFERS

	<i>XDi10</i>	<i>XDi12</i>
Subwoofer Size-	10"	12"
Max Power Handling (Music)-	400 Watts	500 Watts
RMS Power Handling-	200 Watts	250 Watts
Xmax-	13.5mm	13.5mm
Sensitivity-	85dB	86dB
Mounting Depth-	5.125"	5.625"
Cutout Diameter-	9.125"	11.125"
Sealed Enclosure (Min)-	.65 cuft.	1.0 cuft.
Sealed Enclosure (Opt)-	1.0 cuft.	1.5 cuft.
Sealed Enclosure (Max)-	1.2 cuft.	1.75 cuft
Voice Coil Config Available-	Dual 2/4 ohm	Dual 2/4 ohm



The ARC Audio PS8 is the most advanced digital sound processor in the world. With the most extensive and detailed selections of user defined features the PS8 is the ultimate component for any OEM integration based or audiophile system regardless of complexity.



Audiophile Design

192 kHz SPDIF transmitter

Up to 8V RMS RCA output

Audio Optimized 32-bit DSP

3.5mm unbalanced AUX input

Optical and digital coaxial Inputs

Real time adjustment and control

48 Bit internal sequence processing

6-channel balanced differential inputs

BTL auto-sense turn on for OEM integration

Programmable remote turn on/off delay circuit

Easy to use PC based multi level user interface

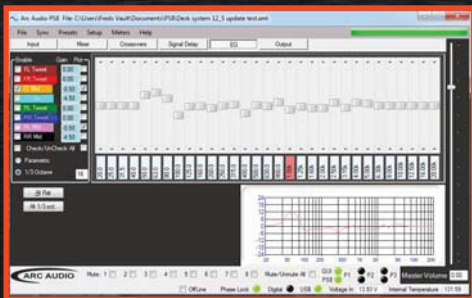
Precision .1% tolerance components in the audio path

Dedicated dual 72 bit algorithm volume control circuits

Multiple user defined presets (without the need of a controller or PC)

Specifications

Operating Voltage-	9V - 16.2V
Input Sensitivity (Low Level)-	28mV - 8V RMS
Input Sensitivity (Speaker Level)-	72mV - 20V RMS
Outputs-	8 Channels RCA
Output Voltage-	8 Volts RMS (Adjustable)
Input Impedance (RCA)-	10K Ohms
Input Impedance (Speaker)-	200 Ohms
Frequency Response-	10Hz - 23.5 kHz @ .82 dB max deviation
Gain Range-	88dB
S/N Ratio 1V 1:1-	96.5dB
S/N Ratio 4V 1:1-	108.5dB
S/N Ratio (Digital in)-	109.1dB



Equalization 1/3rd Octave-
Equalization Parametric-
Equalization Resolution-
Delay-
Crossovers-
Phase Control-
X-Over Slopes-

X-Over Damping-

Bluetooth (Streaming Audio)-

External Controller-

248 bands 1/3rd Octave (Linkable)
248 Bands (User defined Freq and "Q")
1/4dB per Step
Up to 12ms per channel (.02 increments)
Phase correct AP/HP/LP/BP all channels
All Channels +/- 180 Degrees
6dB, 12dB, 18dB, 24dB, 30dB, 36dB, 42dB,
48dB Slopes (all channels, all bands)
Butterworth, Linkwitz-Riley, Bessel, Variable Q
(All channels all bands)
Yes - Requires ARC BTM module (Sold
Separately) (Coming Soon)
Yes - Sold Separately (Coming Soon)

As today's new vehicles become more complex and filled with state of the art technology the ability to personalize your audio system becomes more and more difficult. The ARC Audio S.R.I. gives you a cost effective solution to integrate aftermarket audio components into your vehicles factory source unit without a compromise to quality.



Features-

- 8 volts output on all channels*
- Selectable signal ground isolation*
- Auxiliary RCA signal input w/remote level control*
- Selectable Summing, pass thru channel assignment*
- Signal summing capability into a single pair of RCA outputs*
- High impedance input levels to virtually eliminate noise problems*
- High/speaker level input w/removable header plugs for easy service*
- Multi color set-up LED's with setup disk for easy input level setting*
- Turn on output (while in autosense mode) for aftermarket amplifiers etc*
- RJ45 high voltage balanced output connectors (for SE amplifier use only) 2/4/6*
- Selectable signal sense or traditional turn-on w/patented bridge mode detection circuit*

The ARC Audio SRI integration module offers a different and unique approach to OEM integration by creating a simple and yet easy to understand visual setup process. Using the provided setup CD and the turn by sight LED indicators summing your OEM signal is as easy as 1-2-3. In addition ARC Audio's BTL autosense turn-on circuit detects the OEM radio's BTL (Chip) used in most factory radios and stock vehicle amplifiers allowing you to reliably power up your aftermarket components without the risk of anomalies found in other integration devices.



IDX



XEQ



KEQS



ALD

Device Type-	Crossover	Equalizer	Equalizer	Line Driver
EQ Type-	N/A	7-Band	5-Band	N/A
Boost/Cut-	N/A	+/- 12dB	+/- 12dB	N/A
Freq Response-	10Hz-30kHz	10Hz-50kHz	10Hz-30kHz	20Hz-20kHz
S/N Ratio-	100dB	100dB	101dB	118dB
THD-	.005%	.005%	.01%	.05%
Input Type-	RCA	RCA	RCA	RCA/Speaker
Signal Input (Max)-	8V Max(RCA)	4V Max(RCA)	4V Max(RCA)	6V Max(RCA)
Signal Output (Max)-	8V	8V	5V	8V
Input Impedance-	10k Ohms	10k Ohms	10k Ohms	10k Ohms
Output Impedance-	1k Ohms	1k Ohms	1k Ohms	1k Ohms
Dimensions-	Half Din Standard	Half Din Standard	Half Din Standard	3.0"(L)x3.5"(W)x1.0"(H)

Fine tuning without the hi price of a digital sound processor, that's what ARC Audio's line of equalizers, crossovers and line drivers are all about. Small, affordable and with the tools you need to fine tune and personalize your system to fit your listening needs. Have the power of basic tuning at your fingertips while boosting the signal level to your amplifiers, increasing your overall output and dynamic performance without the risk of inducing unwanted noises.

Hi Performance audio for your HD motorcycle without the loss of your saddle bags? For most this is a unheard combination that has resulted in the loss of all storage space and/or utility of your motorcycle. The ARC Audio MPAK (Motorcycle Performance Audio Kits) gives users a single package solution that lets riders upgrade their factory HD motorcycle audio system while keeping their precious cargo space.

- Improves low end frequency response*
- Improves overall volume and frequency response*
- Installs discretely inside your motorcycles fairing*
- No Loss of space in your side bags or touring pack*
- Retain all factory handle bar stereo controls and features*
- Speakers mount to factory locations with no modifications*
- Designed to work with factory motorcycle charging system*
- Multiple kits to allow different levels of performance and fitment*
- Full step-by-step color instruction manual for easy DIY installation*
- Compatible with "most" all HD Street Glide and Road Glide models from 1999 -2014*
- Most kits include 6.5" adapter rings for more overall performance and a bigger sound*
- Plug and play wire harness allows for cut free installation avoiding possible warranty issues*
- MPAK 1-7 kits include HD hi performance flat grills for unrestricted output of your speakers*



All M.P.A.K. Kits include the KS125.2BX2 Mini amplifier equipped with BX2 bass technology. BX2 is a bass frequency extension technology that provides users with additional bass and low frequencies without placing additional mechanical demand on the speakers.

MPAK KITS

MPAK1 MPAK2 MPAK3 MPAK4 MPAK5 MPAK6 MPAK7 MPAK8
COMING SOON

KS125.2 BX2 Mini-	X	X	X	X	X	X	X	X
HD Plug and Play wire Kit-	X	X	X	X	X	X	X	X
2014 Wire Harness Add-on-	-	-	-	-	-	-	-	X
6.5" Speaker Ring Adapters-	-	-	-	X	X	X	X	-
XDi502 5.25" Coaxial Speakers-	X	-	X	-	-	-	-	-
XDi5.1 5.25" Component Speakers-	-	X	X	-	-	-	-	-
XDi602 6.5" Coaxial Speakers-	-	-	-	X	-	-	-	-
XDi6.2 6.5" Component Speakers-	-	-	-	-	X	-	-	-
Moto602 6.5" Coaxial Speakers-	-	-	-	-	-	X	-	X
Moto6.2 6.5" Component Speakers-	-	-	-	-	-	-	X	-
HD Flat Grills-	X	X	X	X	X	X	X	-



2000-2013 Harley Davidson Street Glide



KS125.2BX2 Mini Force Induction Cooling Fan



2014 Harley Davidson Street Glide

The ARC Audio "Moto" Series is the optimum balance of acoustical harmony and ultra high performance all wrapped up in a single design. The "Moto" design caters specifically to the motorcycle environment. Designed by ARC Audio's acoustical engineering division, Moto Series speakers use only today's most advanced and durable acoustical materials and components allowing users a cost friendly solution that will give any enthusiast an unparalleled musical experience on their motorcycle.



Features-

- Hi-Temp precision wound voice*
- Hi performance, Hi output design*
- Two way integrated coaxial design*
- Weather resistant pole/tweeter seal*
- Heavy duty cast aluminum basket design*
- Composite treated metal film dome tweeter*
- Environmental treatments on all components*
- Low Shore poly butyl surround for linear sound*
- Treated progressive Nomex spider for improved midbass*
- Roahcell composite cone material for maximum durability*
- Weather sealed pole seal prevents dust and moisture damage*
- Environmental treatments throughout helps improve long term durability*

Moto Series coaxial and component systems create new levels of musical enjoyment and personalization. Upgrading to Moto Series give users a new audio experience with improved midbass and low frequency response, enhanced midrange for rich, natural vocals and vibrant life like highs giving you the most value and enjoyment possible that can be heard even at 65+ MPH

MOTO SERIES SPEAKERS (SOLD IN PAIRS)

MOTO602

MOTO692

MOTO6.2

System Type-	Coaxial	Coaxial	Component System
MR Size-	6.5"	6"x9"	6.5"
TW Size-	28mm	28mm	28mm
Max Power-	160 Watts	180 Watts	240 Watts
Min Power-	90 Watts	90 Watts	90 Watts
Sensitivity-	88 dB	87dB	86dB
Freq Response-	65Hz - 20kHz	50Hz - 20kHz	50Hz-20kHz
Impedance-	4 ohms	4 ohms	4 ohms
Includes Grills-	Yes	Yes	Yes
External X-Overs-	No	No	Yes





HD Flat Grills

- Replaces factory plastic mesh grills on all 1999-2013 HD Street Glide models
- Open mesh design reduces restriction of sound with improved performance and tonal quality
- Treated metal mesh resistant to the harsh elements
- Not compatible with 2014+ models.



6.5" Adapter Rings

- Allows for use of 6.5 inch speakers without modifications or customization
- Made of Hi-Temp reinforced ABS
- Replaces factory speaker spacers on fairing based HD motorcycles.
- Smooth Contoured funnel reduction shaping prevents speaker from resting on sharp edges
- Slim profile design allows for most higher performance larger format speaker installations without fitment issues
- Allows for increased midbass response and overall volume



HD Wire harness

- 100% Color coded plug and play design
- Designed by factory trained HD technicians
- Designed to work with most 1999-2013 stereo equipped bagger Harley Davidson Motorcycles
- Factory looming and materials used in harness preparation
- Designed for use with the KS125.2Bx2 Mini Amplifier
- Kit includes all necessary hardware and materials
- Includes required preloads for all variations of factory HD system



2014 HD Adapter Harness

- Designed to interface exclusively with the ARC Audio HD wire harness.
- Allows Plug and Play connection for 2014+ HD models
- Allows for plug and play integration with factory speakers enclosures without having to cut into the enclosure harness
- Includes factory terminal connection lead pigtail for remote turn on without having to tap into the bike's accessory harness